

COLORADO DISCHARGE PERMIT SYSTEM (CDPS)
FACT SHEET TO MODIFICATION 1
PERMIT NUMBER CO0041467
CLIMAX MOLYBDENUM COMPANY, URAD SITE AND HENDERSON MINE
CLEAR CREEK COUNTY

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I. TYPE OF PERMIT

- A. Permit Type:** Modification 1 – Minor Amendment
B. Discharge To: Surface Water

II. FACILITY INFORMATION

- A. SIC Code:** 1061 (Ferroalloy Ore Mining except Vanadium)
- B. Facility Classification:** Class B per Section 100.6.2 of the Water and Wastewater Facility Operator Certification Requirements
- C. Facility Location:** Urad Mine site: T3S, R075W, Henderson Mine: T3S, R75W & R76W Latitude: 39° 45' 22" N, Longitude: 105° 49' 44" W
- D. Permitted Features:** 005A- C, mining wastewaters treated in the combined mechanical wastewater treatment plant to Woods Creek, 39°45'22" N, 105°49'44" W
006A- C, mining wastewaters treated in the combined mechanical wastewater treatment plant to Woods Creek, 39°45'20.38" N, 105°49'25.23" W
007A (Internal Outfall), following disinfection and prior to mixing with the process water. 39° 46' 08 " N, 105° 51' 00 " W
- The location(s) provided above will serve as the point(s) of compliance for this permit and are appropriate as they are located after all treatment and prior to discharge to the receiving water.

III. PURPOSE OF MODIFICATION

This modification is being completed in response to a permit modification application received on December 3, 2012 from the facility. In the letter, the facility stated that the Henderson Mine domestic wastewater treatment system operates continuously, however flow is discharged only when the plant influent pumps are filling the equalization (EQ) basin and the EQ basin is discharging through the flume. The influent pumps operate off of float-actuated level switches in the pump wet well. As the wet well fills to the high level, the influent pumps actuate, filling the EQ basin which surges in volume and then more slowly releases this volume to the influent flume and Outfall 007. Due to the intermittent filling of the EQ basin and discharge at Outfall 007, composite sampling has proven to be unfeasible, since the plant may not be discharging when the 2-hour interval composite sampling is required. Therefore, the facility requested a change for the BOD5 sample type from 'Composite' to 'Grab'.

IV. CHANGES TO PERMIT

Requested change for the BOD5 sample type from 'Composite' to 'Grab' has been granted.

Kenan Diker
December 3, 2012

V. PUBLIC NOTICE COMMENTS

The public notice period was from December 13, 2012 to January 14, 2013. An email comment supporting the issuance of the modification was received from the facility. No change has been made to the permit based on the email comment.

Kenan Diker
January 15, 2013